



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Friday May 29, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **No significant weather expected through Tuesday.**
- **Moderate confidence in potential tropical development in the NW Caribbean/southern Gulf late next week.**

FEMA Region 6 Threat Matrix

May 29, 2020 - Jun 2, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms					
Heavy Rain / Flash Flooding					
Fire Weather					
Tropical Weather					
Winter Weather					
River Flooding	OK,AR, LA,TX	OK,AR, LA,TX	OK,AR, LA,TX	OK,AR, LA,TX	OK,AR, LA,TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



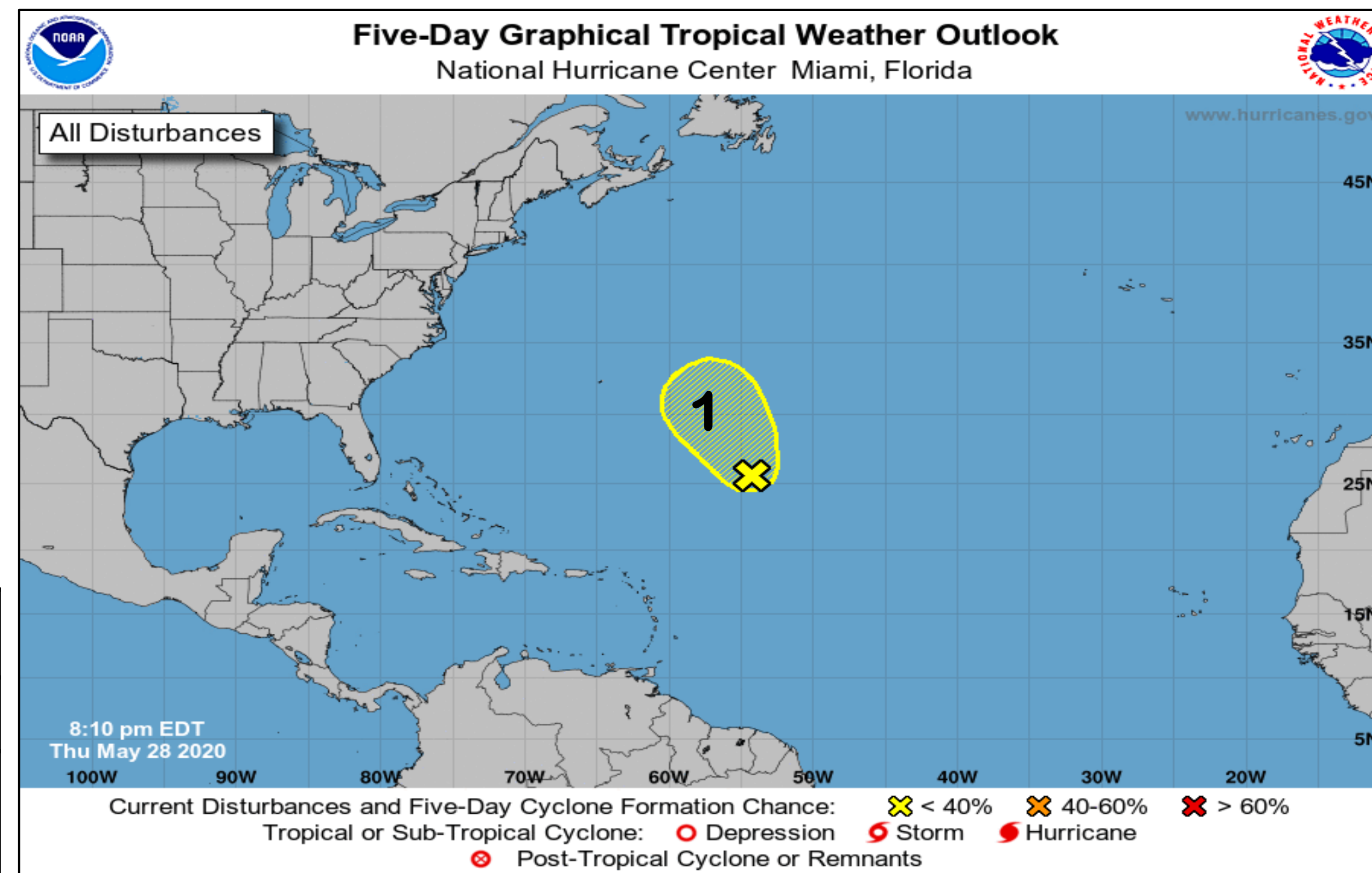
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Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
I	Low	None.

Active Tropical Cyclones

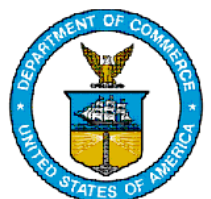
Storm	Potential Impacts to FEMA 6
-	-



Extended Tropical Weather Outlook

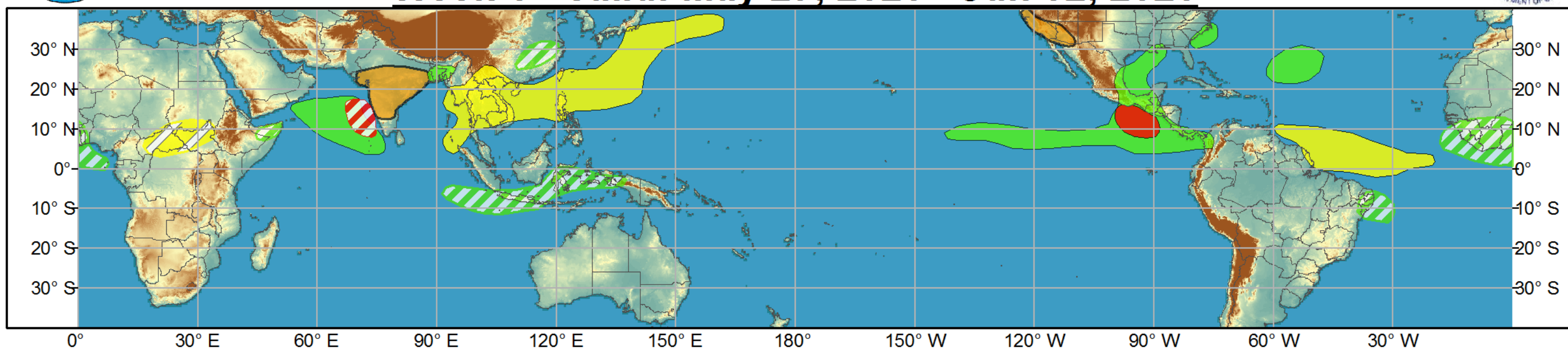


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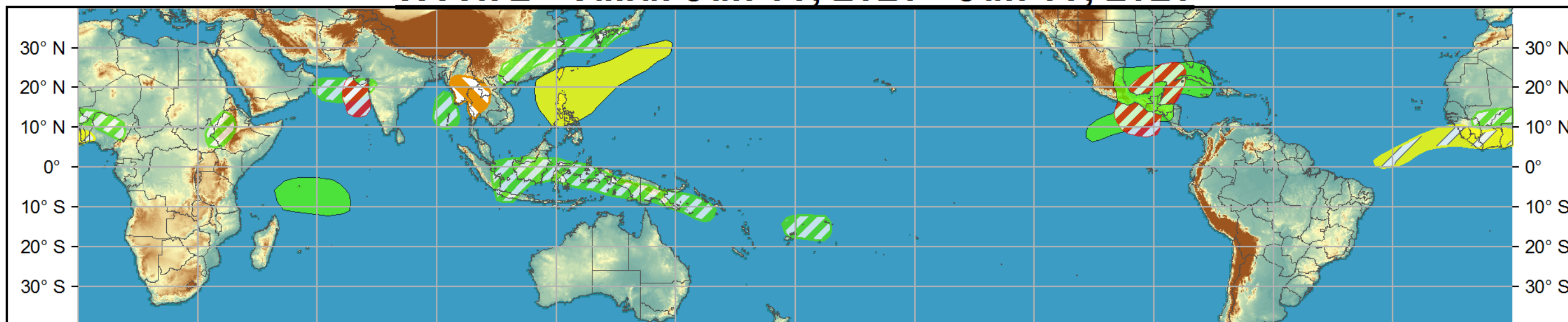


Global Tropics Hazards and Benefits Outlook - Climate Prediction Center

Week 1 - Valid: May 27, 2020 - Jun 02, 2020



Week 2 - Valid: Jun 03, 2020 - Jun 09, 2020



Confidence
High Moderate

- | | | | |
|----------------------------|--|--|------------------------------------------------------------------------------------|
| Tropical Cyclone Formation | | | Development of a tropical cyclone (tropical depression - TD, or greater strength). |
| Above-average rainfall | | | Weekly total rainfall in the upper third of the historical range. |
| Below-average rainfall | | | Weekly total rainfall in the lower third of the historical range. |
| Above-normal temperatures | | | 7-day mean temperatures in the upper third of the historical range. |
| Below-normal temperatures | | | 7-day mean temperatures in the lower third of the historical range. |

Product is updated once per week, except from 6/1 - 11/30 for the region from 120E to 0, 0 to 40N. The product targets broad scale conditions integrated over a 7-day period for US interests only. Consult your local responsible forecast agency.

Produced: 05/26/2020

Forecaster: Allgood



There is moderate confidence in the potential development of a tropical cyclone over the northwest Caribbean and southern Gulf of Mexico late next week.

Note: It's important to not focus on any particular model run when assessing the long-range potential for tropical systems (especially ones that have not yet developed), since potential solutions can show large variability from one run to the next, and confidence in any given scenario is very low at long time ranges.

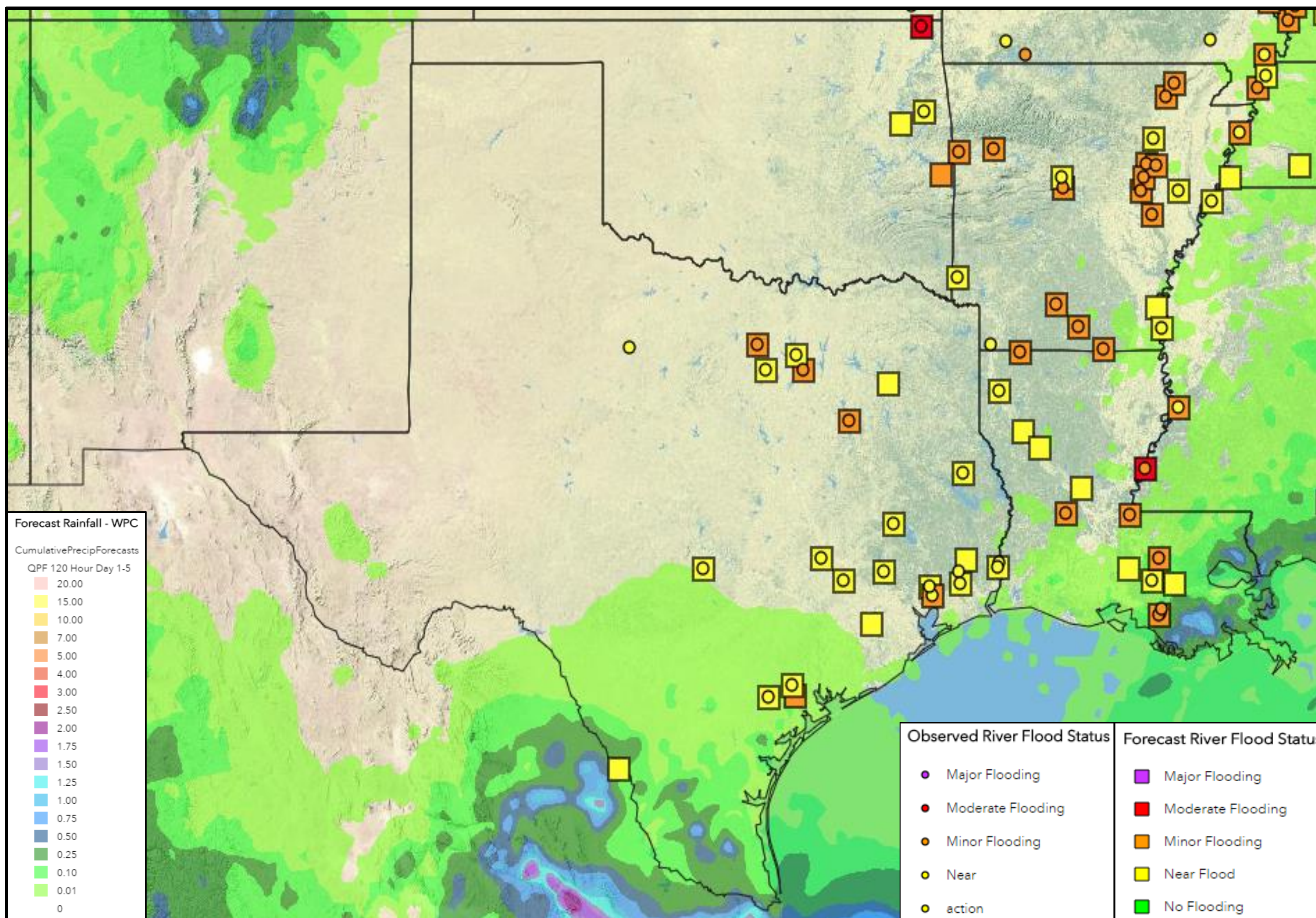
If a system were to develop, it is too early to speculate on any potential track, intensity or impacts. All areas in and around the Gulf of Mexico should be monitoring for possible tropical development as we begin hurricane season on Monday, June 1.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

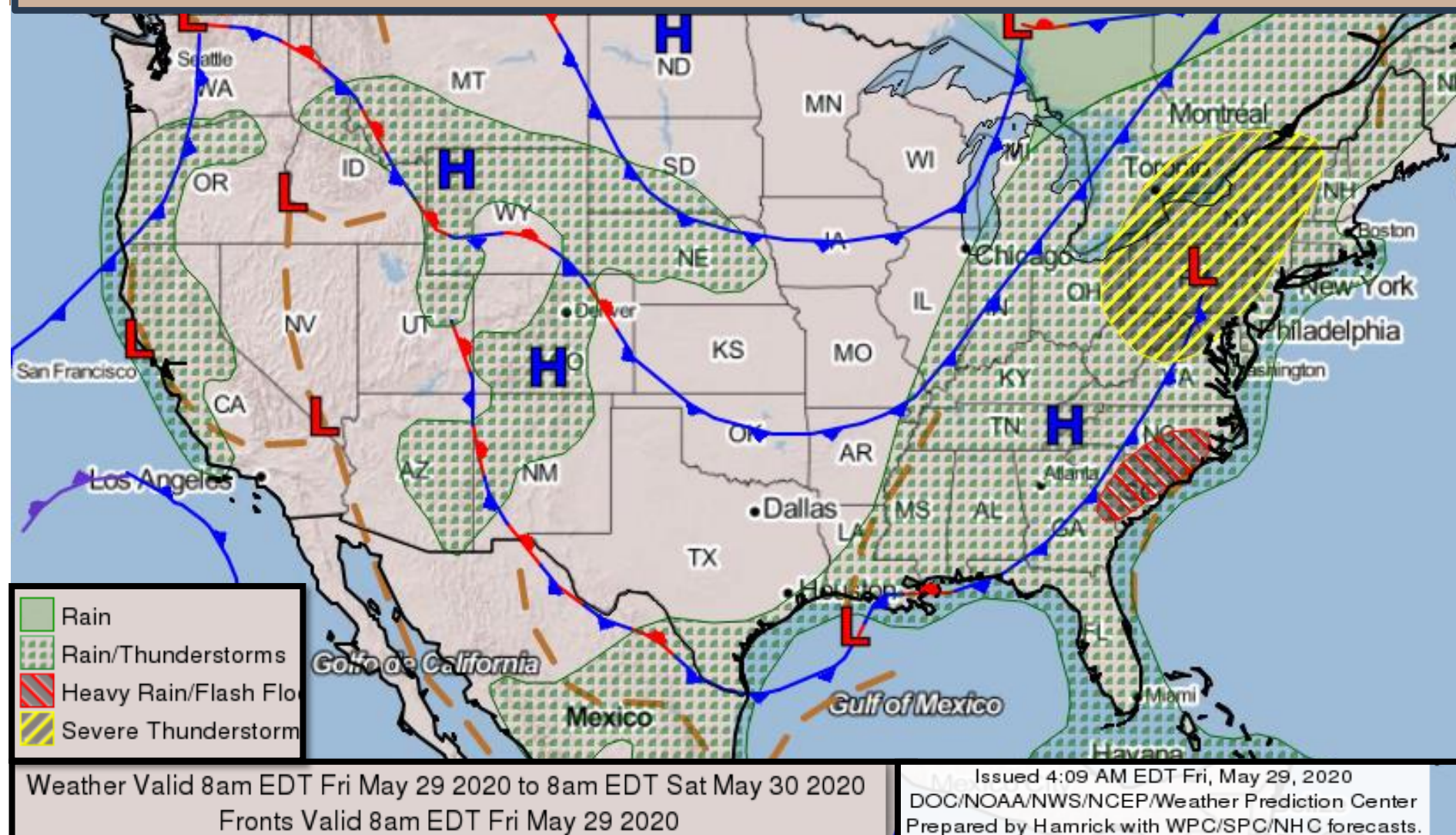


Minor flooding continues across far E OK, AR, LA and portions of N-Central and E TX. Impacts are primarily to agriculture and secondary roads.

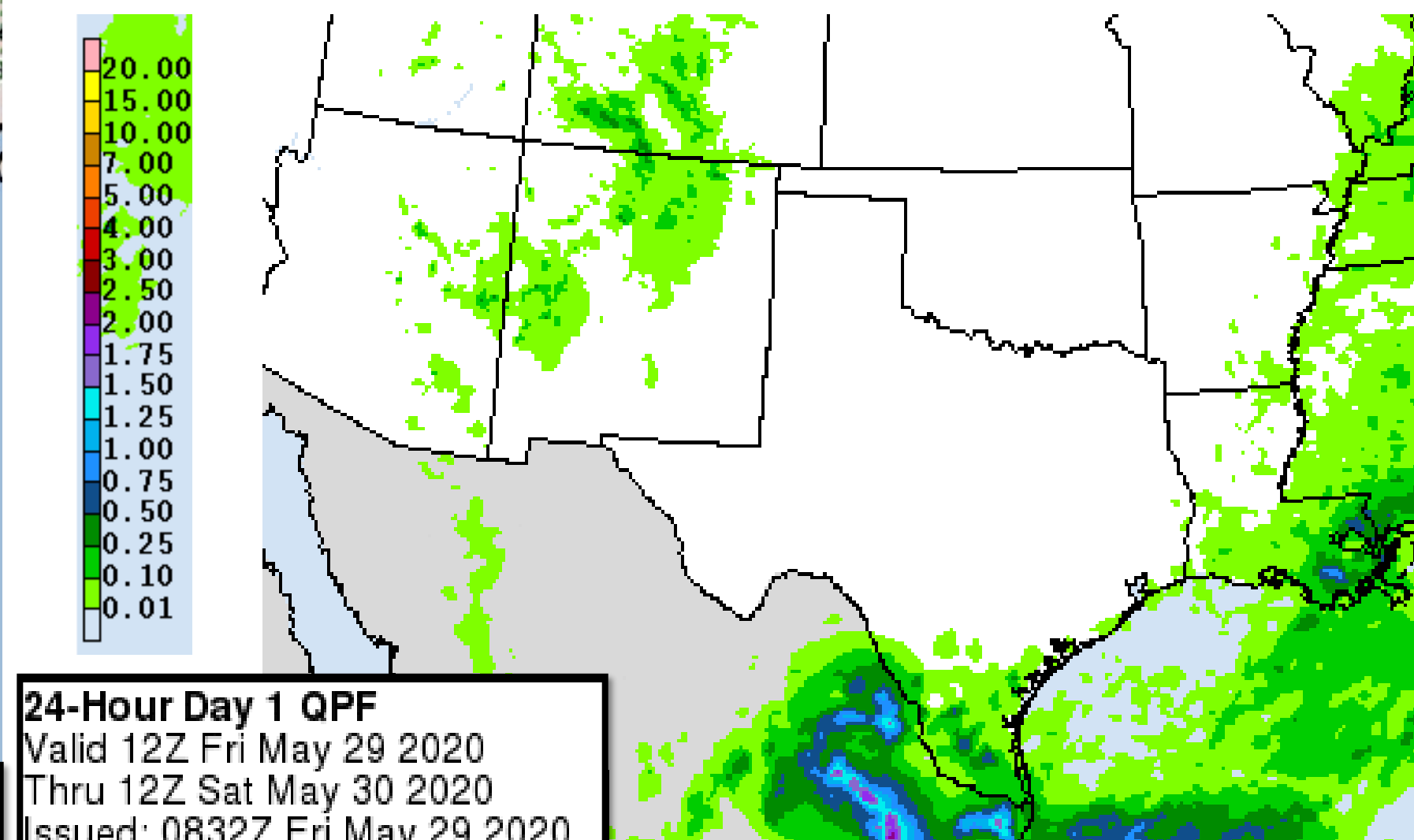
The Neosho River near Commerce in NE OK is forecast to drop below moderate flood stage later today. Minor impacts to Riverview Park and agriculture.

Today's Weather

Forecast Chart



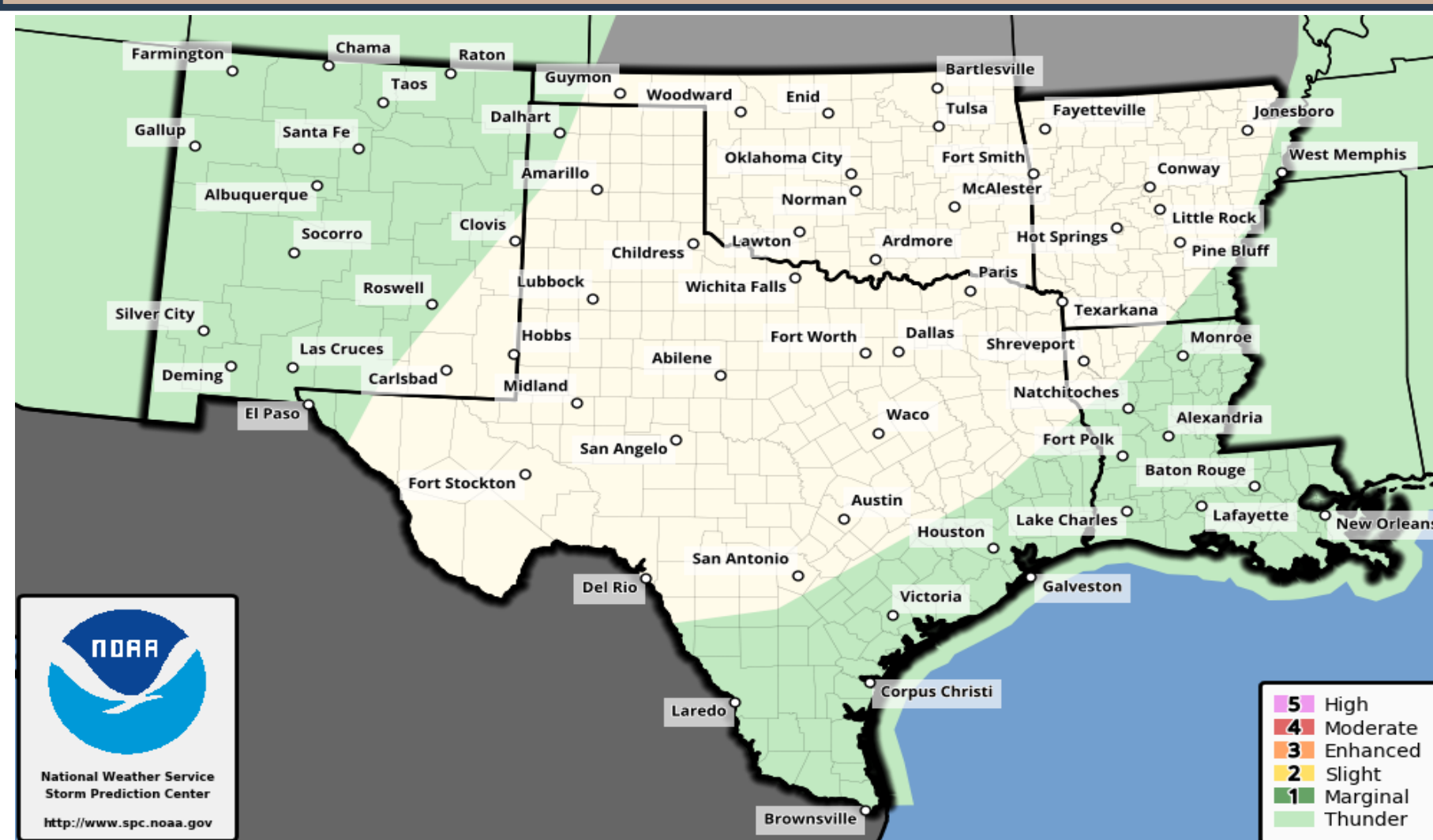
Forecast Rainfall



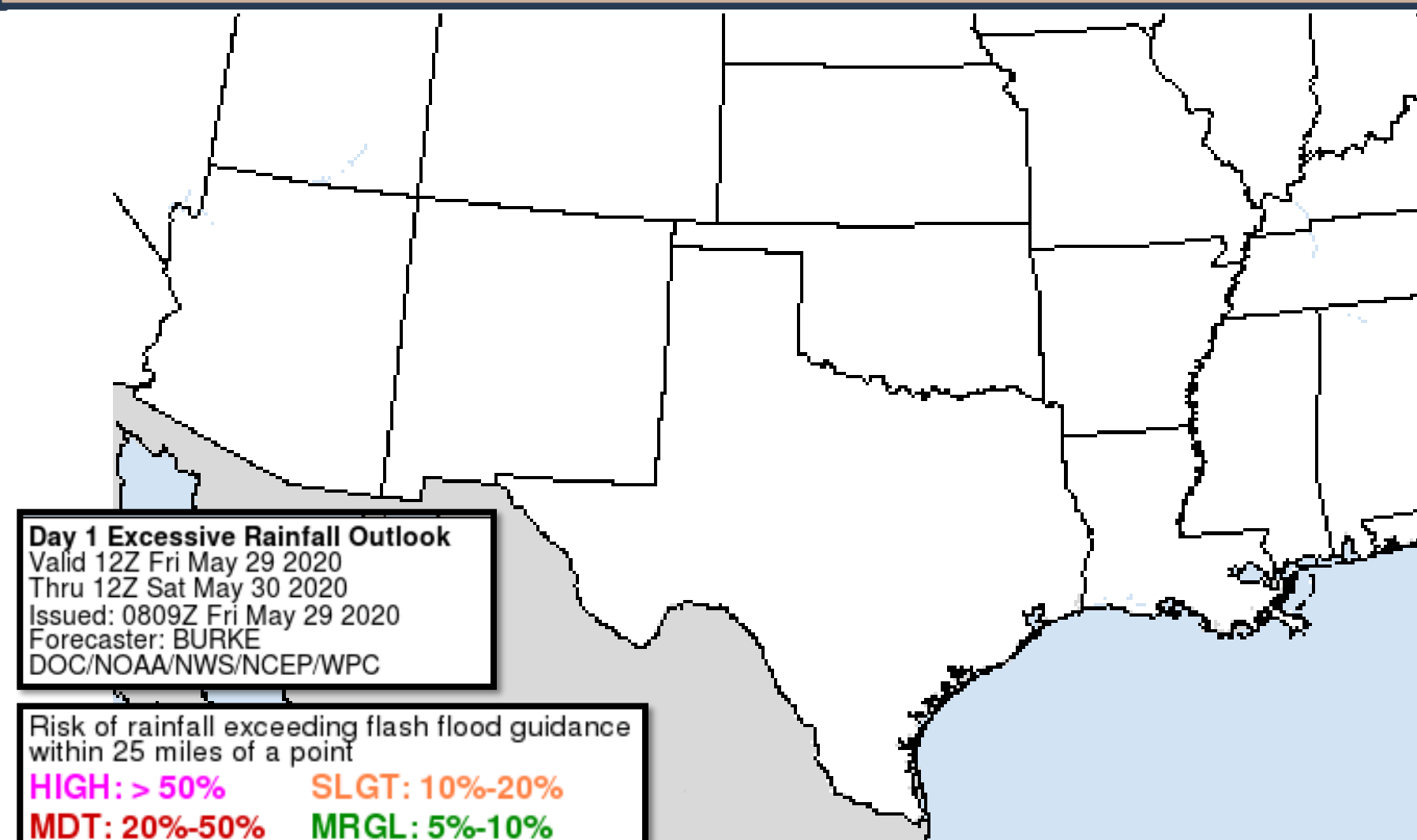
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

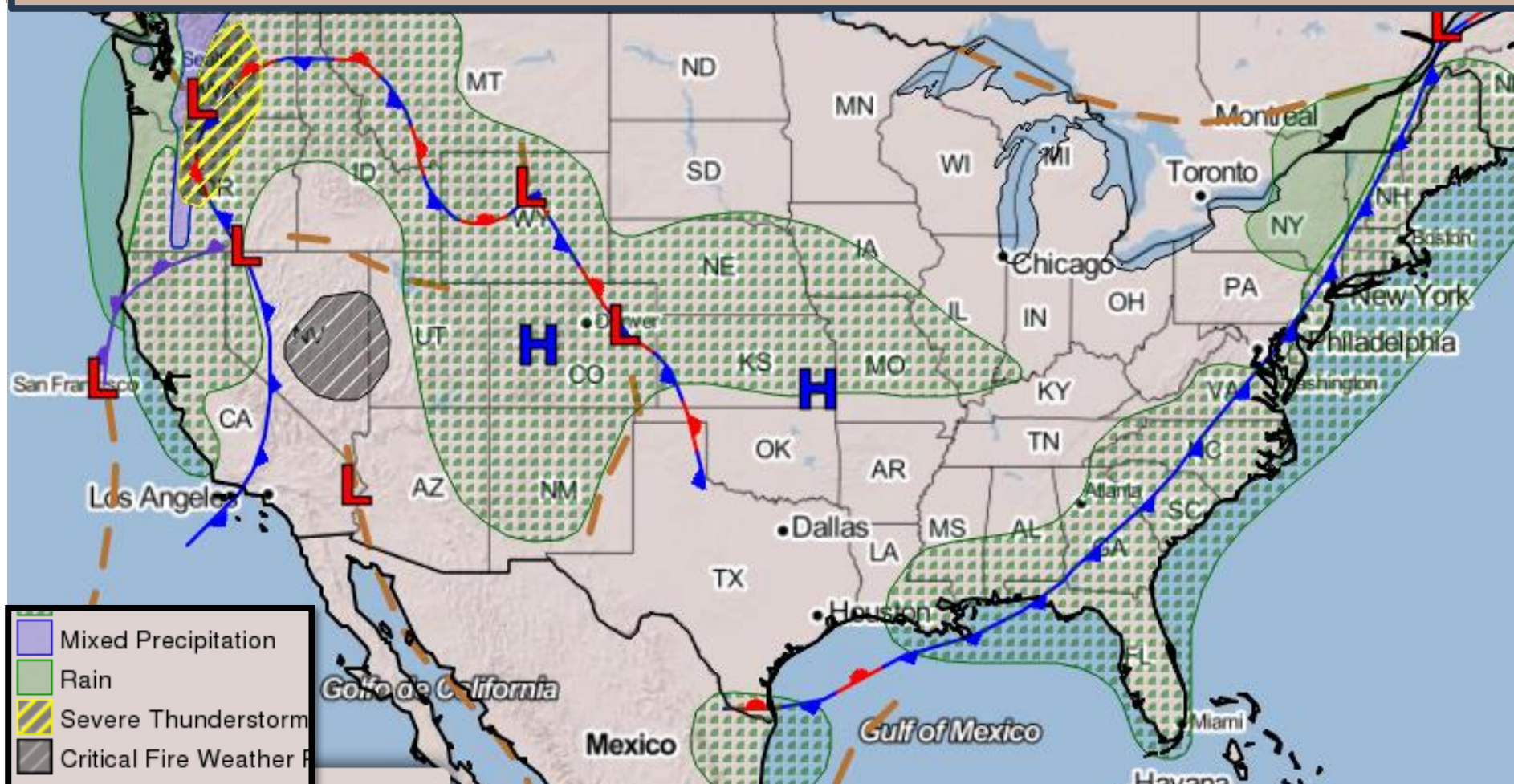


Tomorrow's Weather



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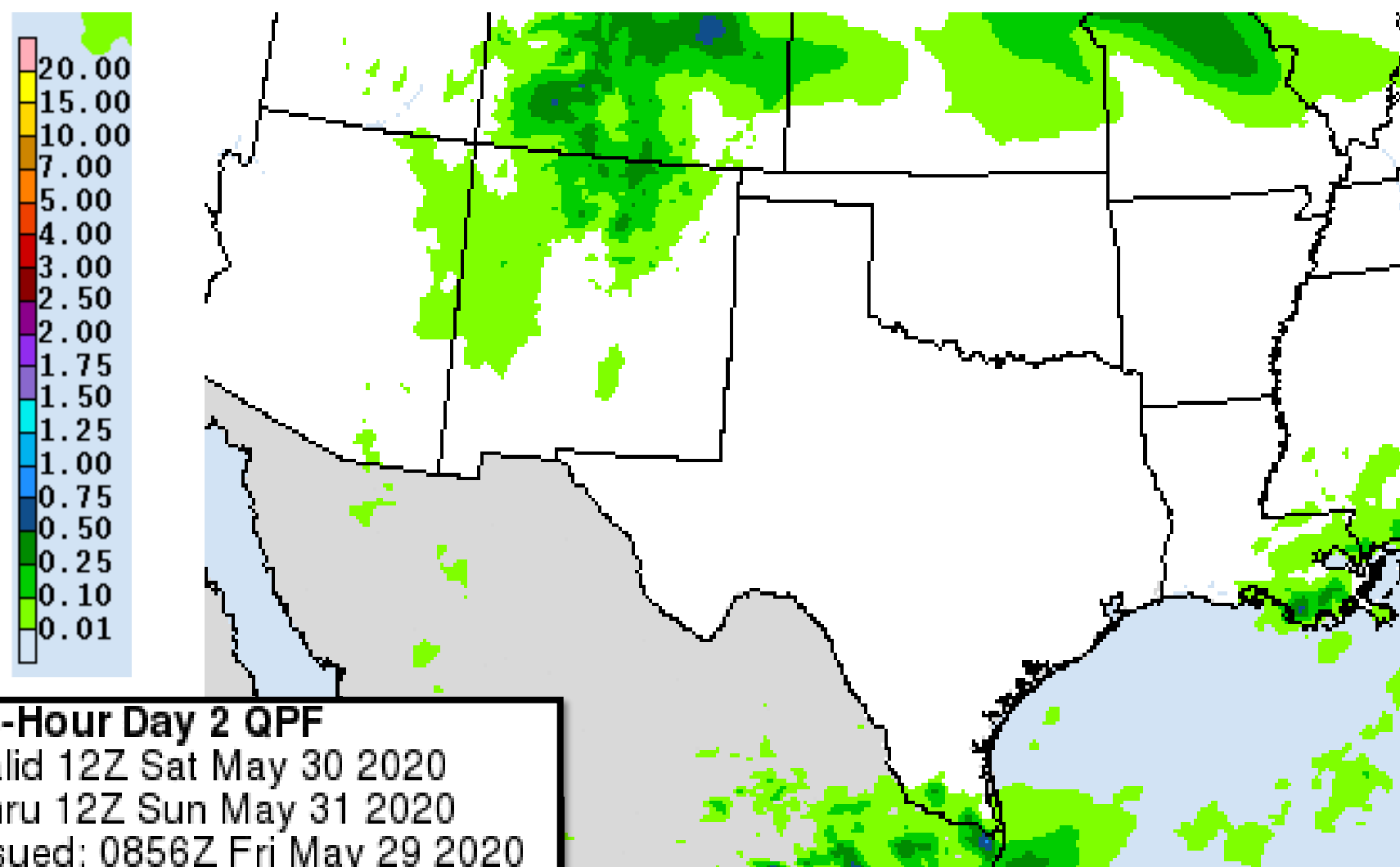
Forecast Chart



Weather Valid 8am EDT Sat May 30 2020 to 8am EDT Sun May 31 2020
Fronts Valid 8am EDT Sat May 30 2020

Issued 4:34 AM EDT Fri, May 29, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.

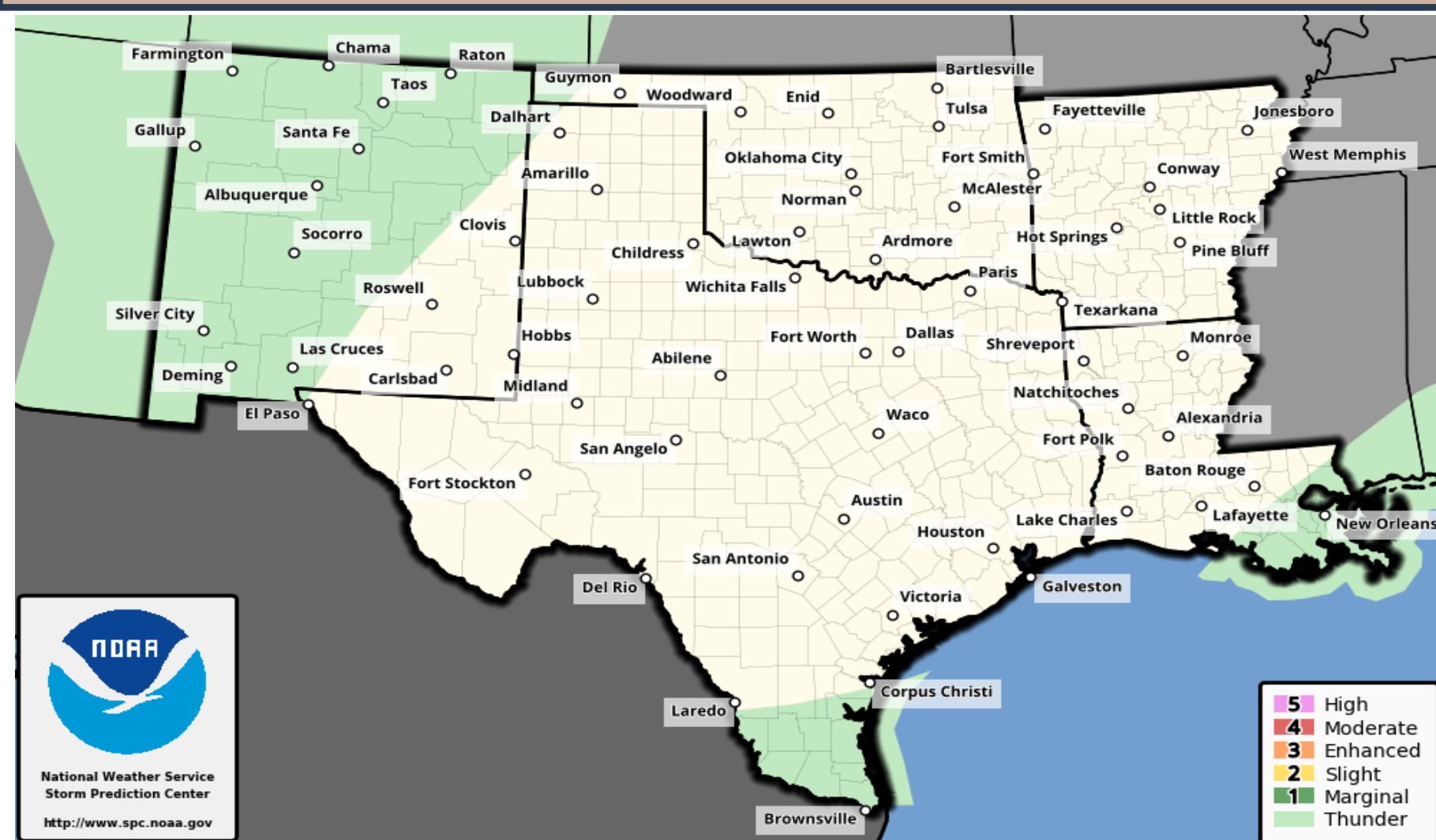
Forecast Rainfall



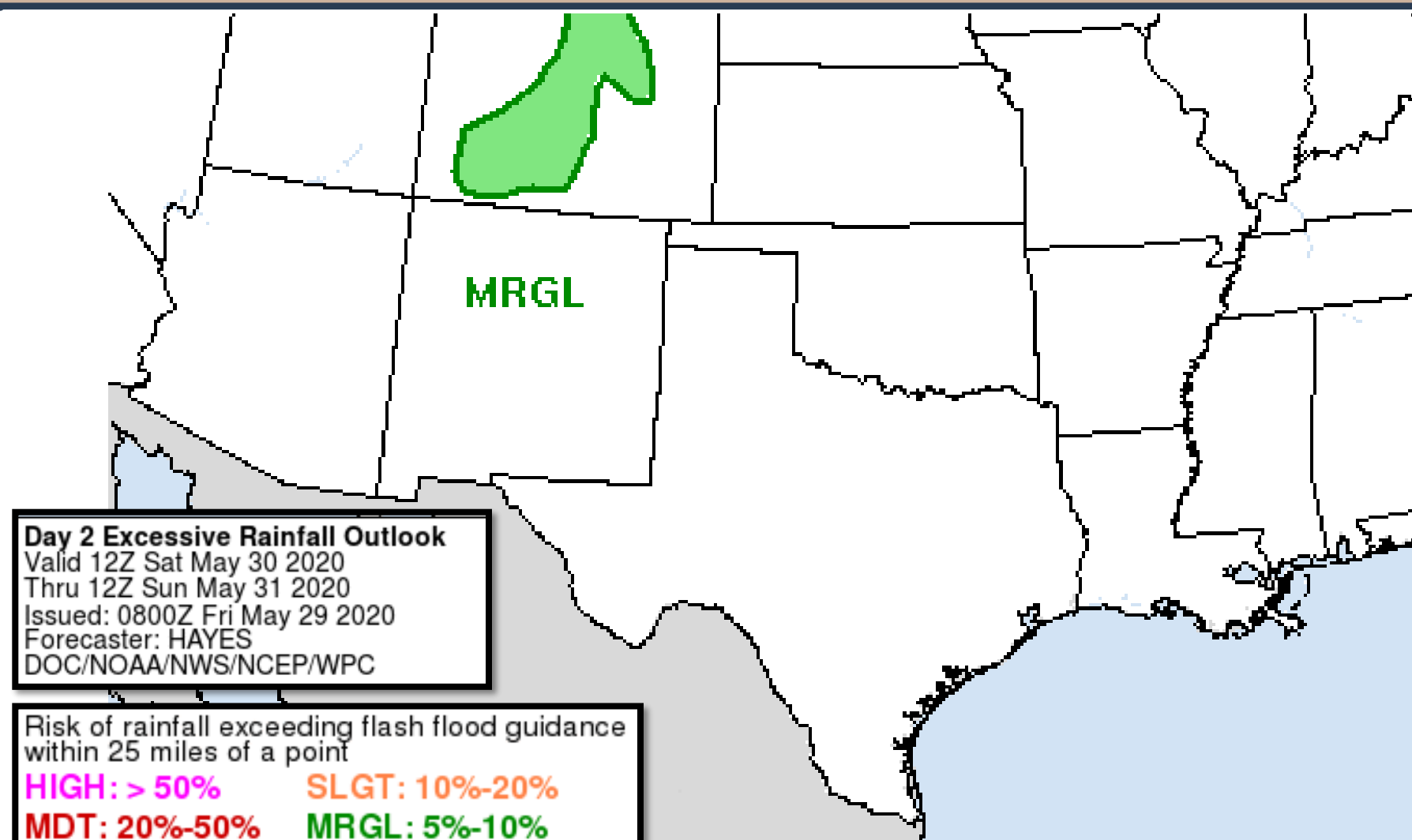
24-Hour Day 2 QPF
Valid 12Z Sat May 30 2020
Thru 12Z Sun May 31 2020
Issued: 0856Z Fri May 29 2020

No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook

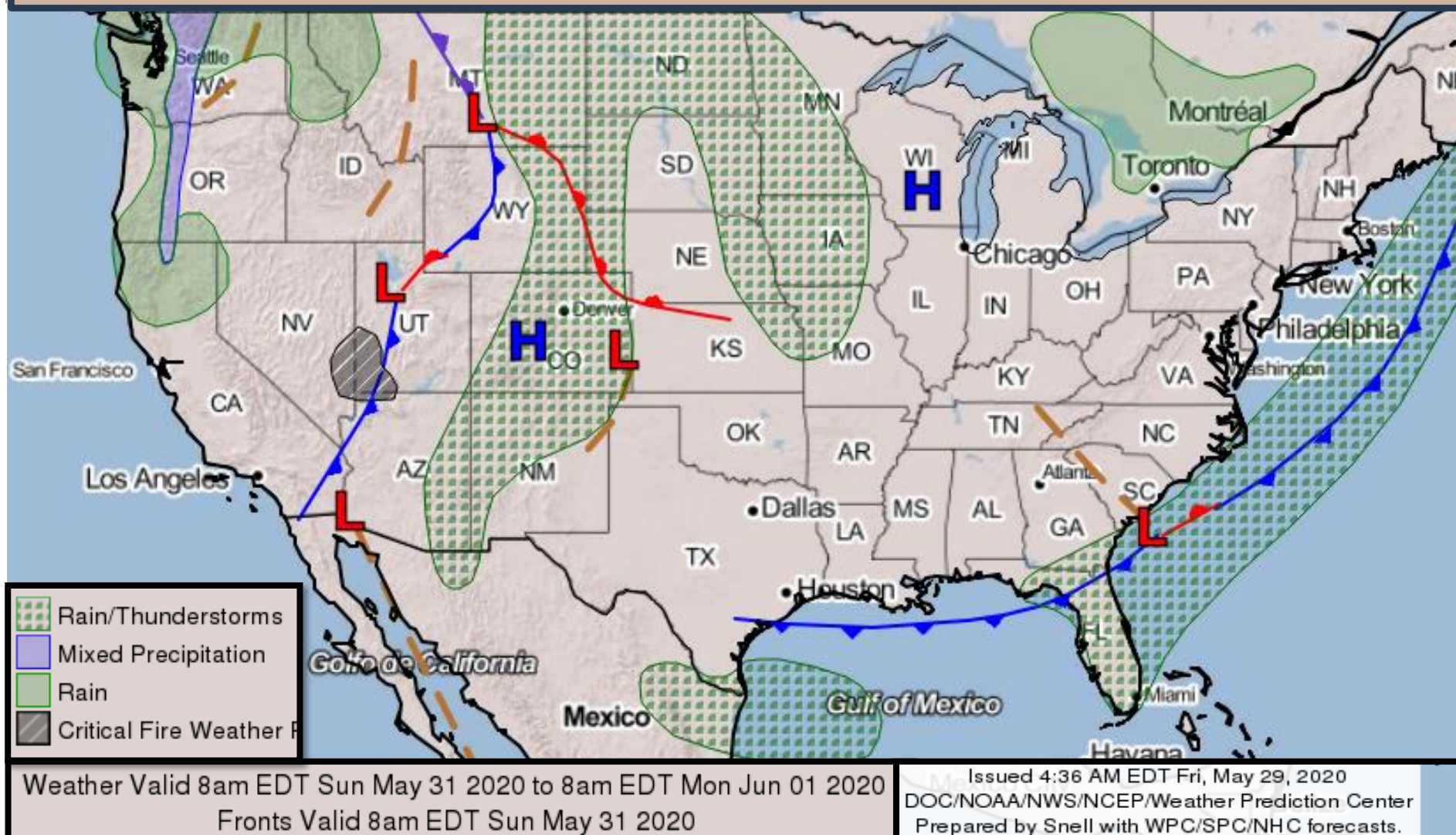


Day 2 Excessive Rainfall Outlook
Valid 12Z Sat May 30 2020
Thru 12Z Sun May 31 2020
Issued: 0800Z Fri May 29 2020
Forecaster: HAYES
DOC/NOAA/NWS/NCEP/WPC

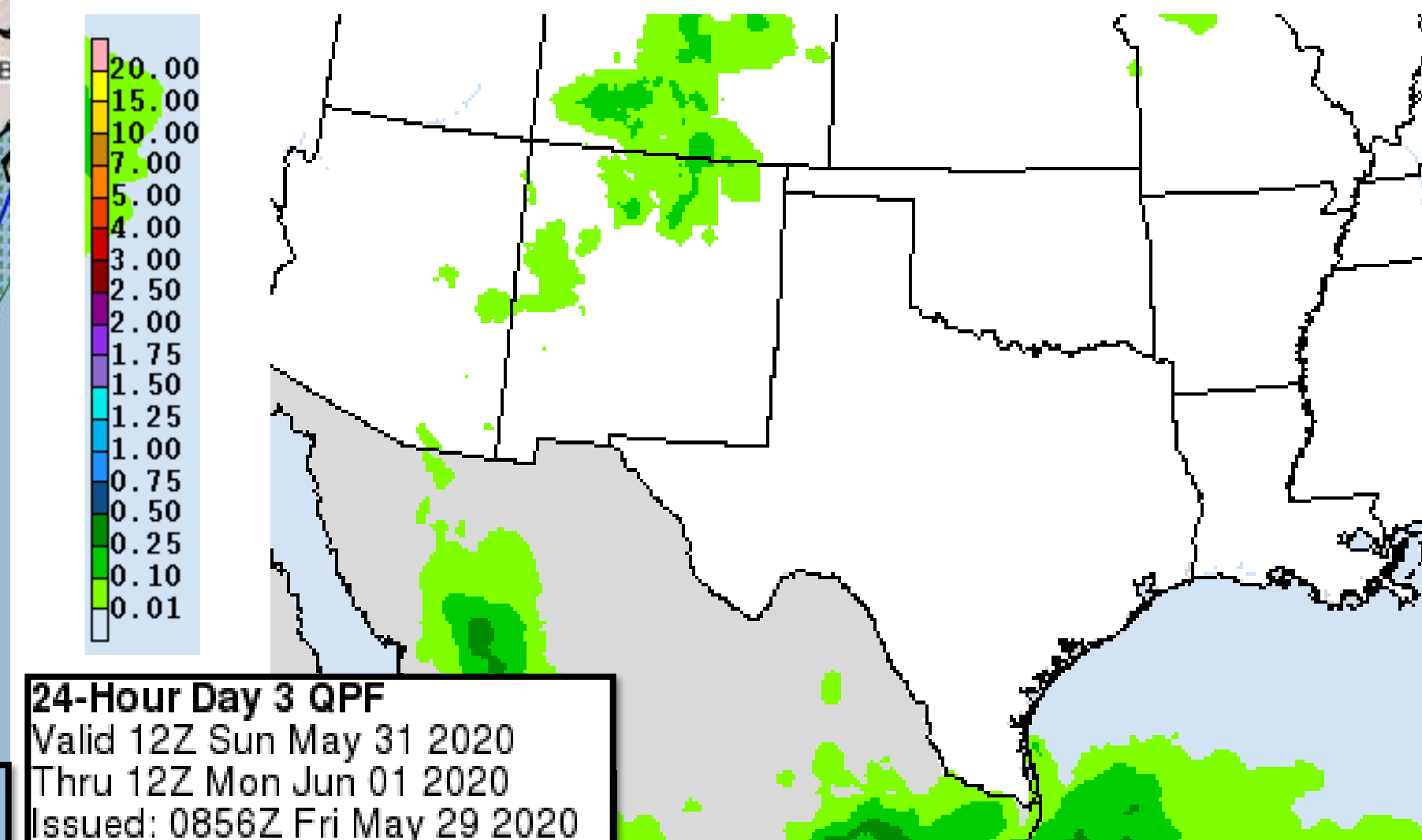
Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Sunday's Weather

Forecast Chart



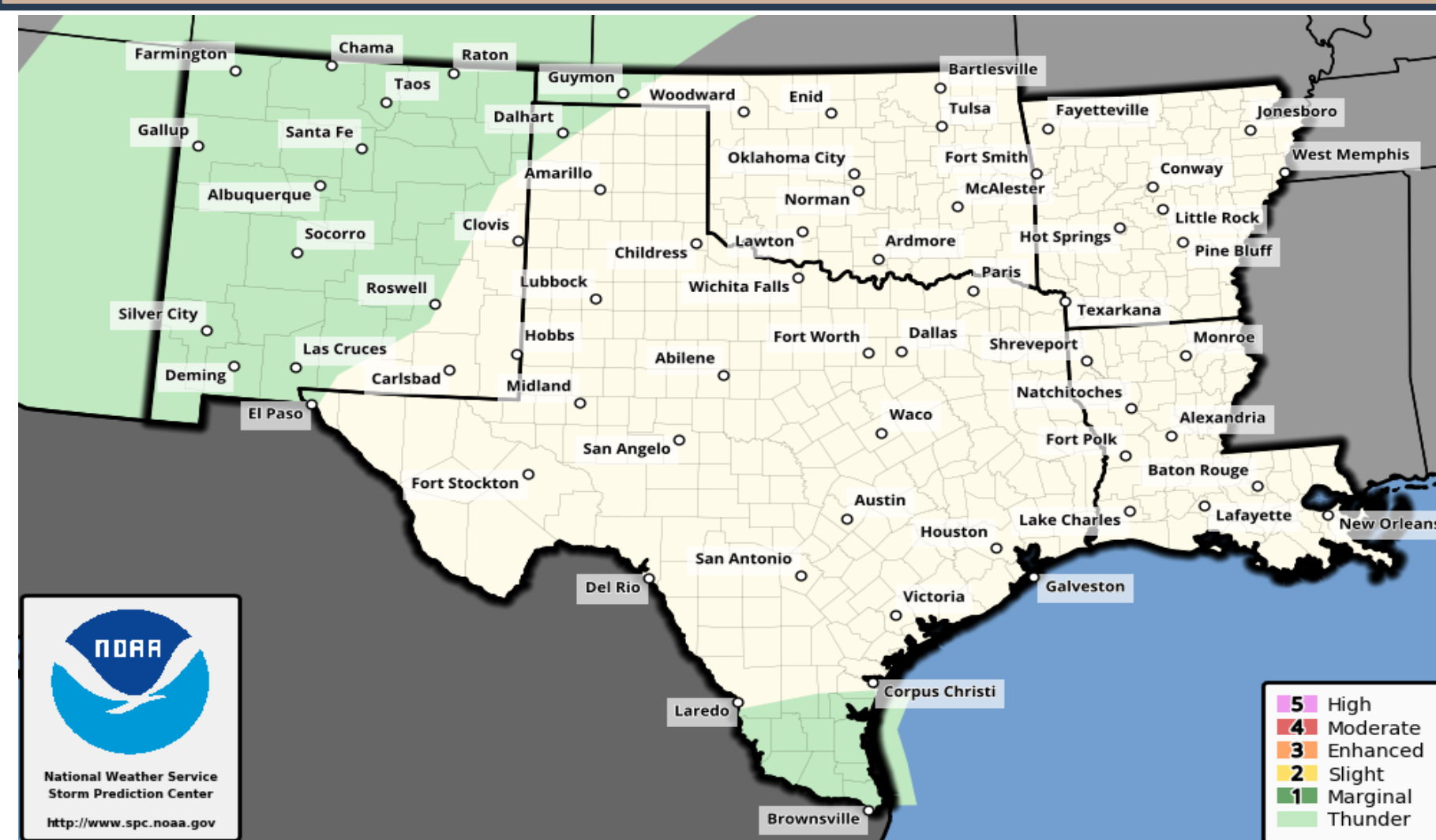
Forecast Rainfall



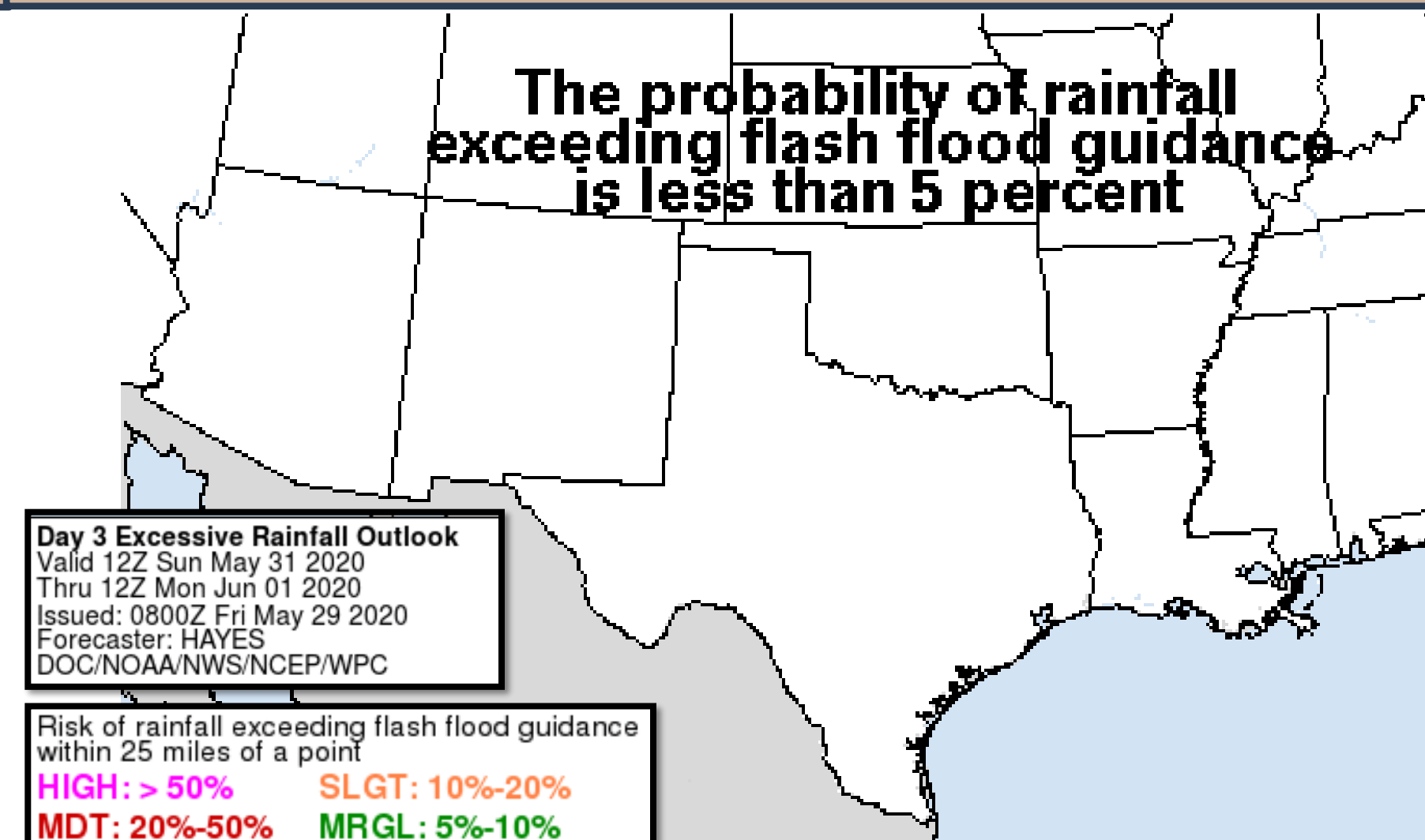
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Monday - Tuesday



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No significant weather expected.



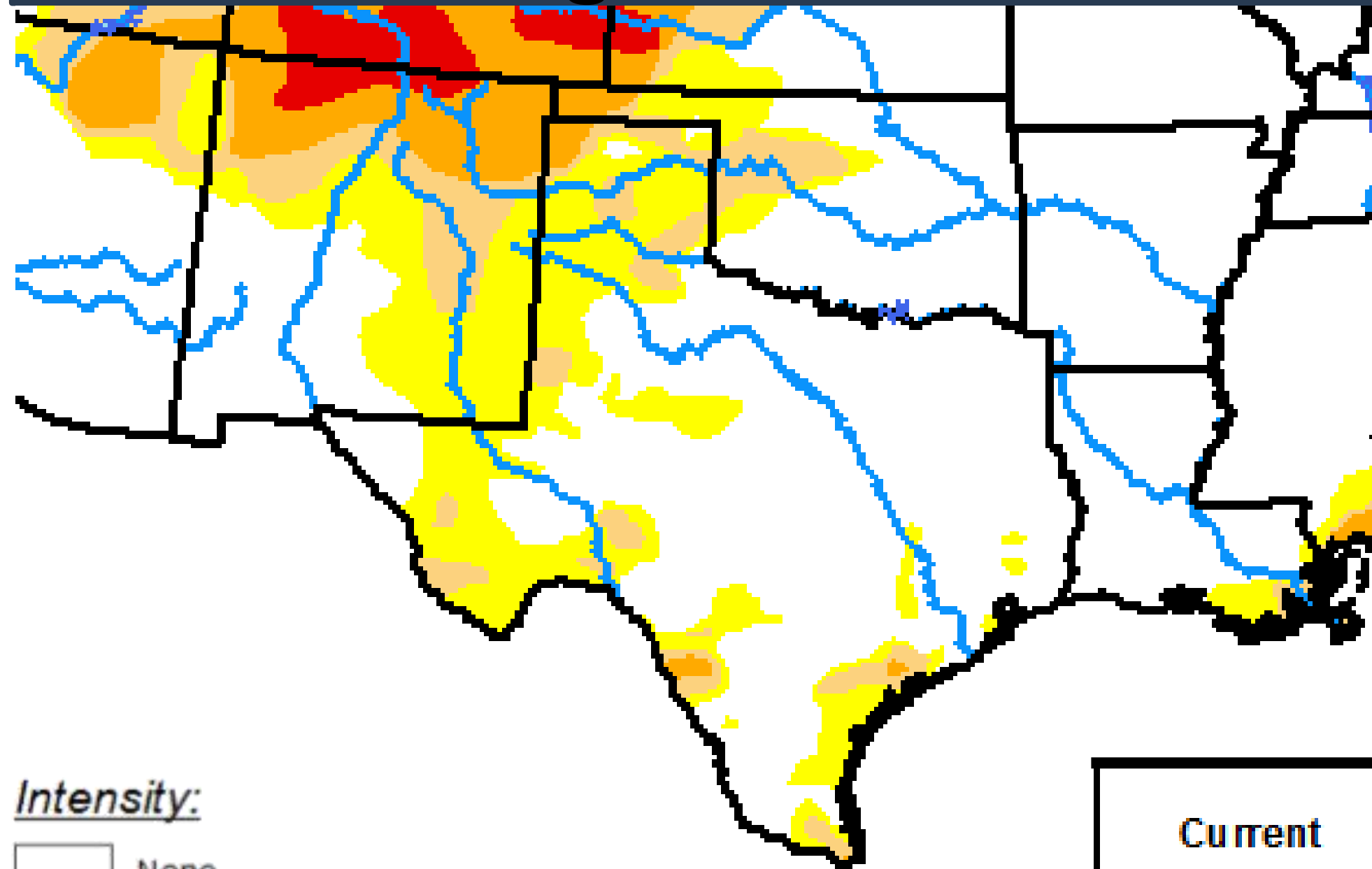
Drought Monitor (Released May 28, 2020)



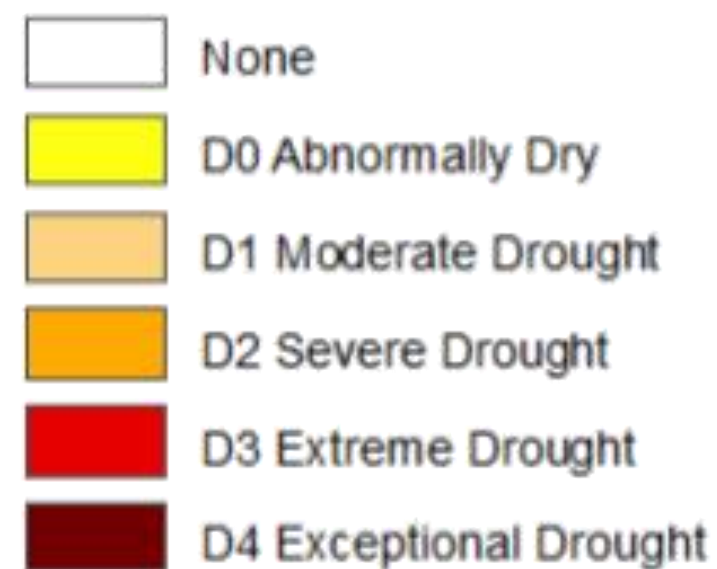
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Data valid as of 8 am ET on Tuesday, May 26, 2020

Drought Monitor

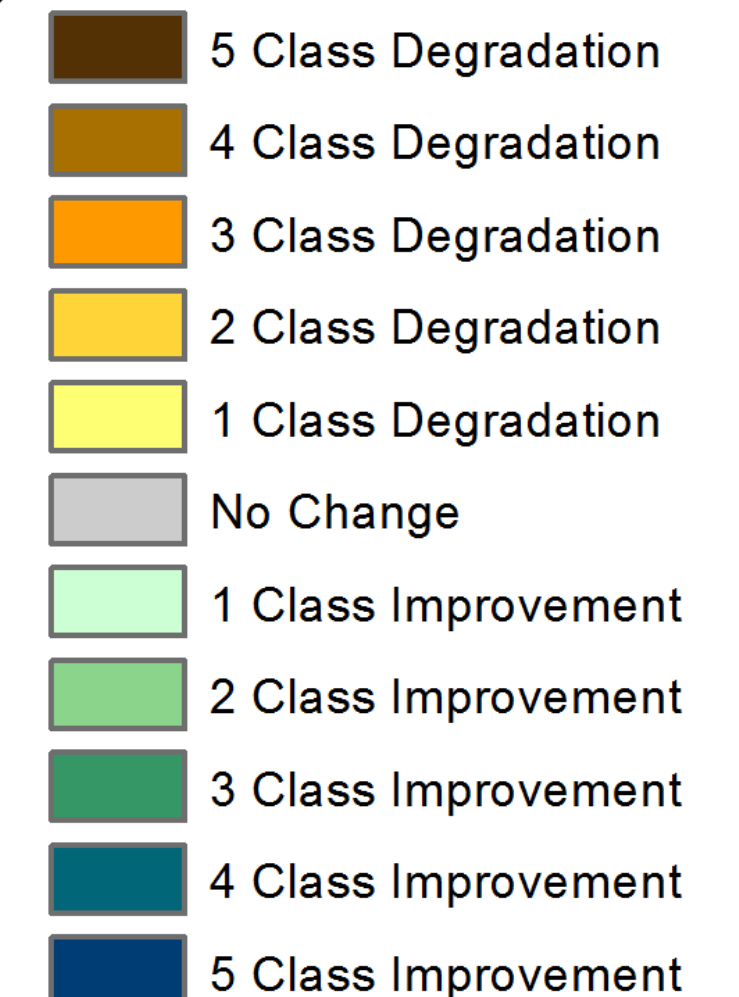
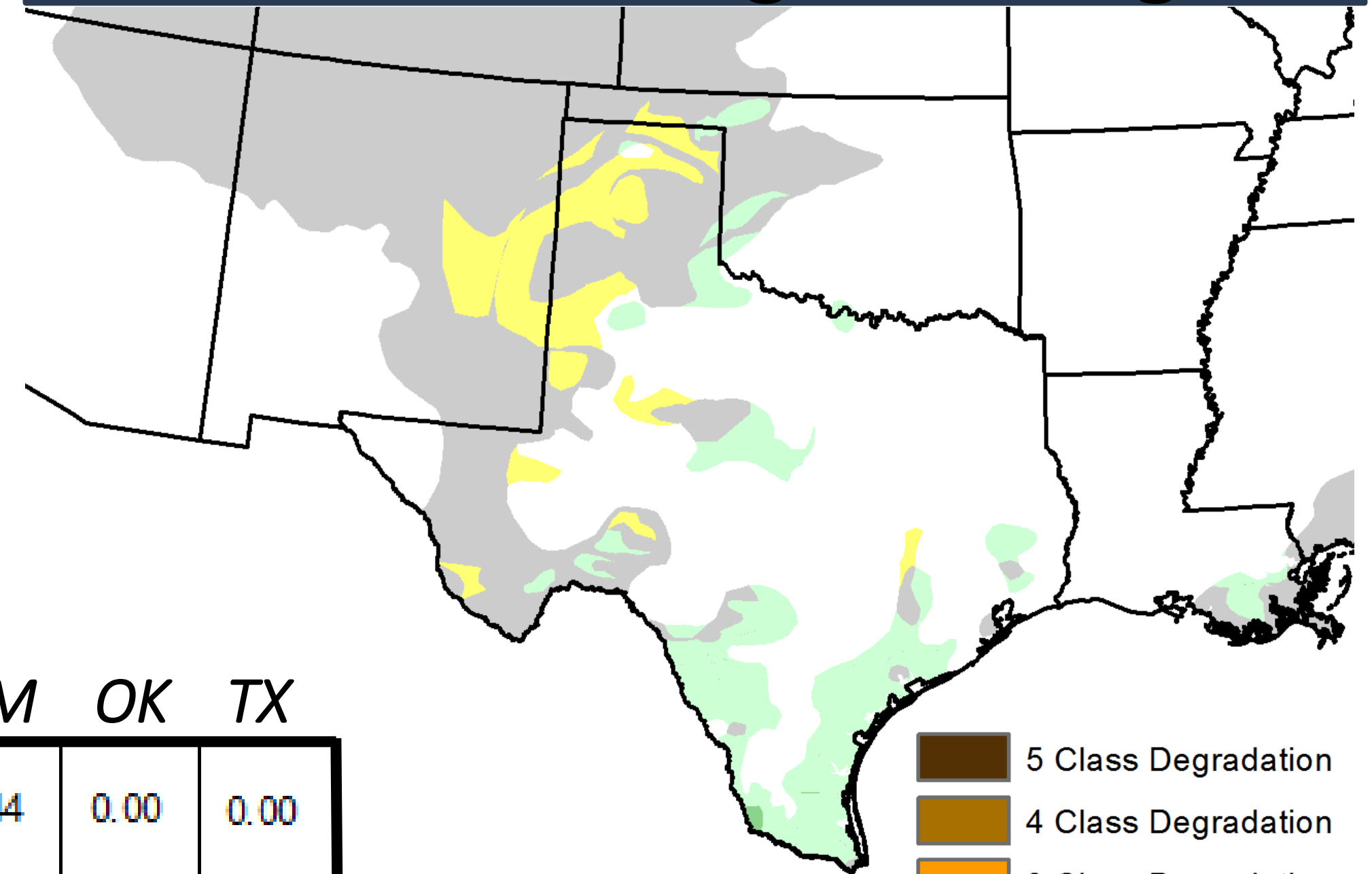


Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

One Week Change in Drought



	AR	LA	NM	OK	TX
Current	0.00	0.00	4.44	0.00	0.00
Last Week 05-19-2020	0.00	0.00	4.44	0.00	0.34
3 Months Ago 02-25-2020	0.00	0.00	0.00	0.00	2.66
One Year Ago 05-28-2019	0.00	0.00	0.00	0.00	0.00

Drought Conditions (Percent Area)

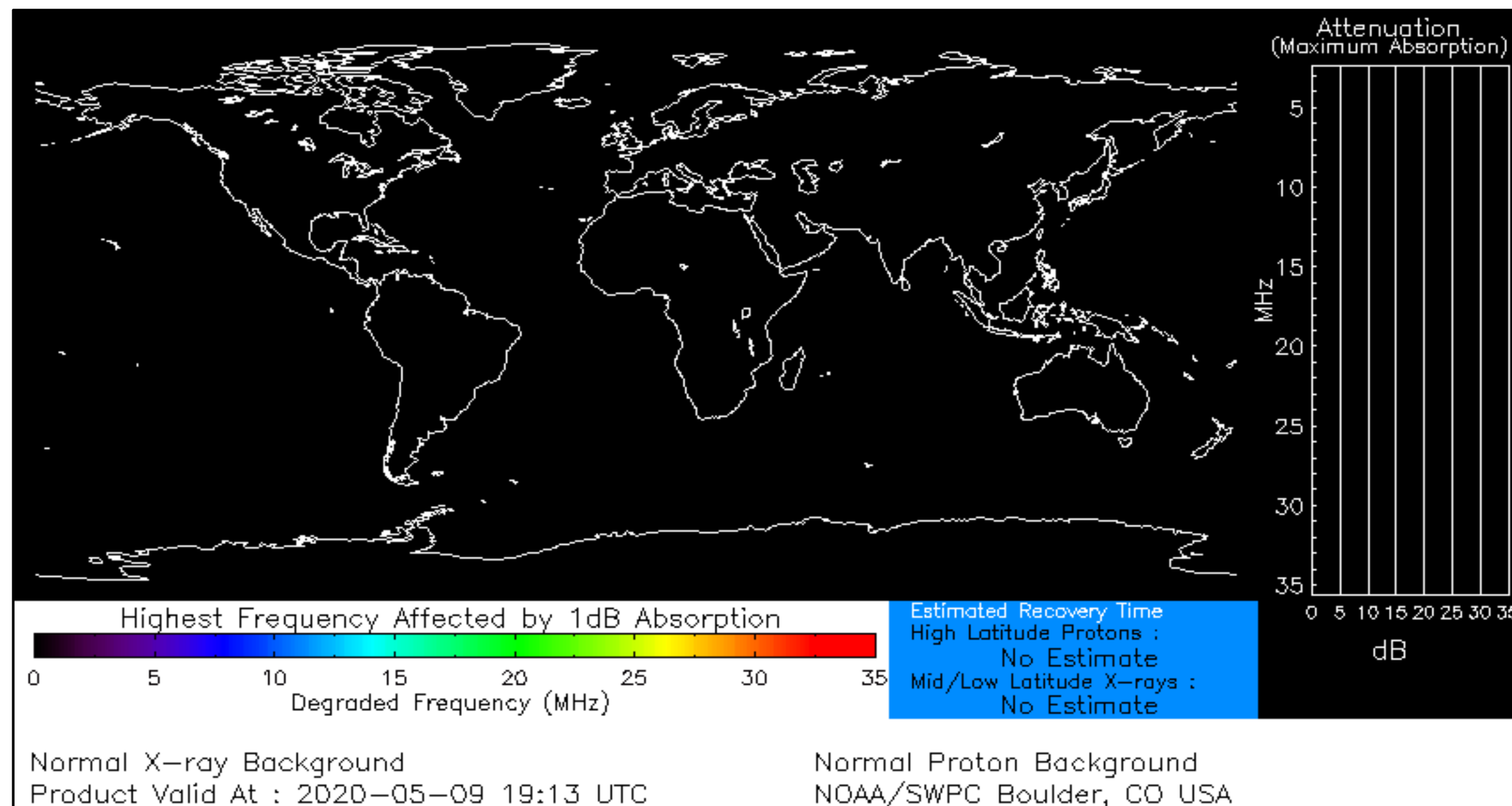
D3-D4 (Extreme to Exceptional Drought)

Space Weather 3-Day Forecast



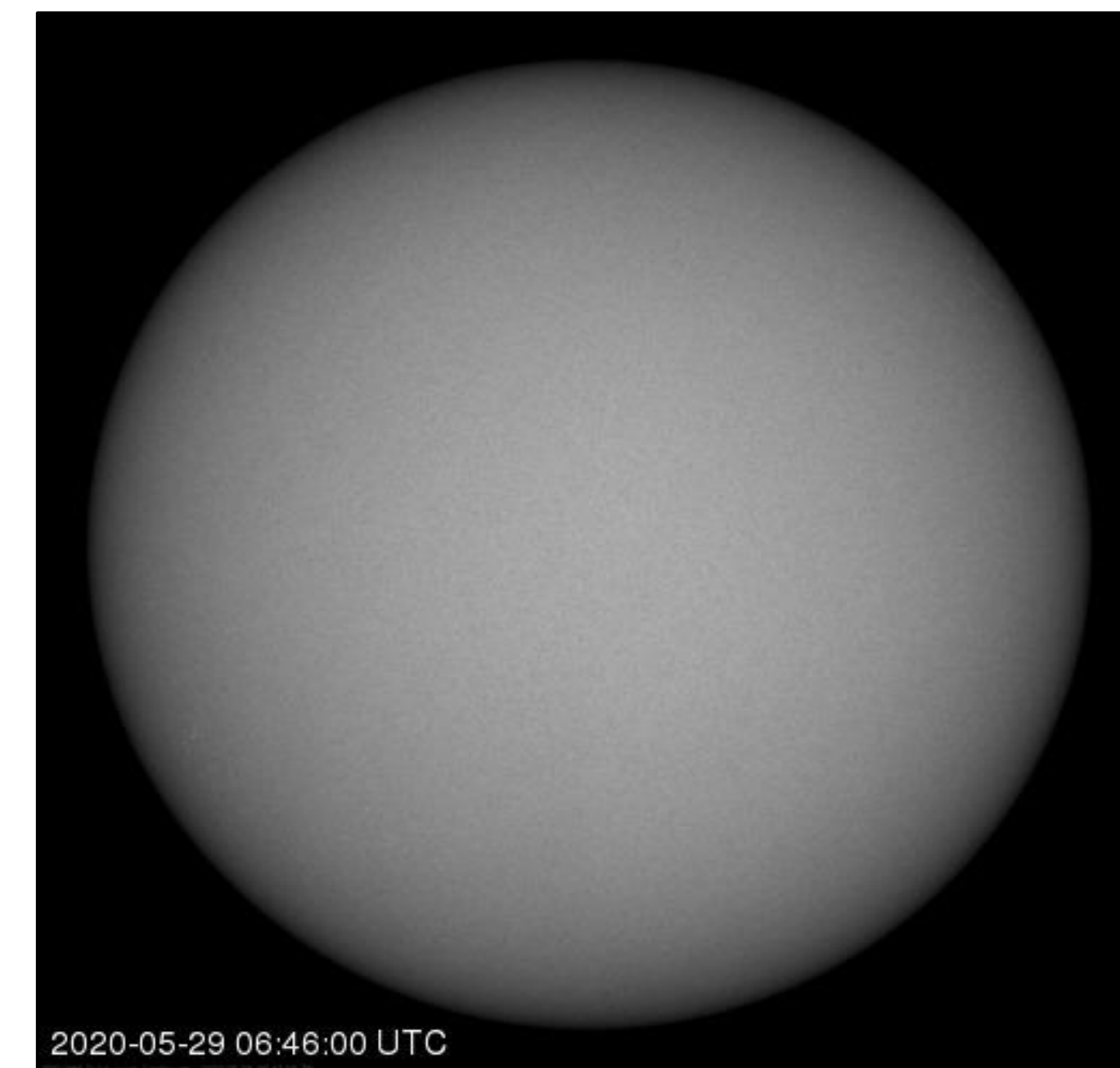
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov